Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 01 Apr 2022 until 23:59 on Saturday 02 Apr 2022

Forecast Issued on Thursday 31 Mar 2022 at 16:43

Confidence: High for gradual change to milder conditions through the coming days. Medium for the detail of poorer weather through the transition.

Headline for Friday 01 Apr 2022: Bitterly cold at height at first Friday. Largely dry and bright start. Turning rather cloudy and showery late afternoon and through evening. Freezing level lifting.

Mountain weather hazards on Friday 01 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Dull	Light snow
Precipitation probability							
10%	10%	10%	<05%	<05%	20%	20%	70%

Forecast for Friday 01 Apr 2022

Weather: Mainly dry overnight and through the morning with only a few isolated light snow showers about. Bright and sunny spells building the showers a touch mid-afternoon, but still mainly dry. Cloud building from the northwest from late afternoon to bring an area of showery snow, rain below 300-400m, for the evening.

Chance of cloud-free hill tops above 800m: 95% for any given time by day, but moderate chance of extended spells due to showery nature of the flow.

Low cloud and visibility: Generally good or very good, becoming briefly moderate to very poor in showers, then more widespread in later rain and snow, only a few metres within cloud with bases briefly then extensive from 600m respectively.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 01 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	29/35 N	28/35 N	26/33 N	21/28 N	17/24 N	14/21 NW	13/17 NW	7/9 NW	8/11 NE
600	19/27 N	19/27 N	19/26 N	17/24 N	15/22 N	12/19 NW	11/17 NW	4/6 NW	6/8 NE
300	8/22 N	9/22 N	8/21 N	10/22 N	9/20 N	8/17 NW	6/14 NW	2/6 NW	3/6 NE
Valley	13/29 N	13/27 N	13/27 N	11/22 N	7/16 N	7/15 NW	7/15 NW	3/6 NW	3/7 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-14	-5/-14	-5/-14	-4/-12	-2/-8	-0/-6	-1/-6	-3/-7	-3/-7
600	-3/-10	-3/-11	-3/-11	-2/-8	1/-4	2/-2	1/-3	-1/-3	-1/-4
300	-1/-5	-1/-6	-1/-5	2/-3	5/1	5/2	4/1	1/-0	1/-1
Valley	2/-3	1/-4	1/-4	4/-0	7/4	7/5	6/3	3/2	3/1
Freezing Level*	100m	100m	100m	200m	400m	400m	500m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill at height early.

Forecast for Saturday 02 Apr 2022

Weather: Good sunny spells mixed between a scattering of light showers, these building for a time during the afternoon, also wintry across higher summits.

Maximum wind: North or northwest 15mph of less.

Chance of cloud-free hill tops above 800m: 95% for any given time, but moderate chance of extended spells due to showery nature of the flow.

Low cloud and visibility: Good or very good, briefly moderate or poor in showers.

Temperature: **Valleys:** Zero Celsius increasing plus 9 Celsius for the afternoon
At 800m: Zero to Minus 2 Celsius
Freezing level: 600-700m

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Ground Conditions Supplement

Thursday 31 March. Helvellyn summit at 1225 Full Report;There were further snow/hail showers as the Assessor left the hill and during the afternoon, so walkers out on Friday should expect to encounter more snow than described here. Fresh snow/hail has fallen in the past 24 hours virtually to valley level although it has only settled higher up. There is a skittering from 400m with the main snowline being at around 500m. It has been deposited, and subsequently blown about, on gusty northerly winds. Depth rises with height although the actual depth encountered varies from little on exposed ground to drifts in sheltered spots and hollows of 50cm (although such depth is the exception) with a very rough average of only around 4cm at 900m. The snowpack is very soft and often settled on what was dry ground and rocks. However, there were also patches of ice on rocks and paths especially across drainage lines and on popular routes were the snow had been compressed. Walkers out on Friday should expect to encounter more ice at all levels given the fact that a hard overnight frost is forecast and Cumbria is currently under a Met Office Yellow warning for ice from 9pm on Thursday until 10am on Friday. A particular hazard today on paths was isolated patches of ice hidden under fresh snow/spindrift and this could also be the case on Friday. Exposed routes above the snowline – such as Striding and Swirral Edges - require extreme care. They were in mixed condition with dry rock, soft snow covered rock and some ice. Microspikes and an ice axe are strongly recommended to negotiate such routes safely and crampons carried in case deeper ice/hard snow is encountered Conditions are now very different to last week with today's summit windchill (what the temperature feels like) around midday being minus 16 degrees C ; this is a full 20 degrees lower than last Thursday! Therefore it is essential for anyone venturing out on the fells that they have full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment. This includes map and compass and the ability to use them in potentially poor visibility such as in low cloud and during hail/snow showers. Goggles are also recommended to lessen the sting of windblown hail/spindrift. Microspikes and walking poles are also recommended for anyone going above the snowline on Friday owing to the amount of ice that there is likely to be on paths. Temperature: minus 4.6 Deg C. Maximum wind speed 42.9 mph. Wind chill: minus 15.7 Deg C Average wind speed: 26.7

Issued at: 1643 on Thu 31 Mar 2022

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